

- (i) Applicant: Vincent G.H. Eijnsink, May B. Brurberg, Ingolf F. Nes
- (ii) Titel of the invention: Expression system in microorganism and its use to express heterologue and homologue proteins
- (iii) Number of sequences two or three
- (iv) Computer readable form :
- (v) Current application data :
- (vi) Prior application data :

(i) **SEQUENCE CHARACTERISTICS :**

- (A) LENGTH : 19
- (B) TYPE : Amino acid
- (C) STRANDEDNES : Single
- (D) TOPOLOGY : linear
- (ii) MOLECULAR TYPE : Peptide
- (iii) HYPOTHETICAL SEQUENCES : no
- (iv) ANTISENSE : no
- (v) FRAGMENT TYPE : C-terminal
- (vi) ORIGINAL SOUCE
 - (A) ORGANISM : lactobacillus sake
 - (B) STRAIN : LTH 673
 - (D) DEVELOPEMENT STATE : culture in stationary phase
- (ix) FEATURES
 - (A) NAME/KEY : mature peptide
 - (B) LOCATION : complete sequence
 - (C) IDENTIFICATION METHOD : Experimentally

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(D) OTHER INFORMATION : Induces gene expression in bacteria containing a compatible signal transduction system and gene under the control of special promoters

(x) SEQUENCE DESCRIPTION : Seq. id. no. 1

Met Ala Gly Asn Ser Ser Asn Phe Ile His Lys Ile Lys Gln Ile Phe Thr
His Arg

(3) INFORMATION FOR SEQ ID No : 2

(i) SEQUENCE CHARACTERISTICS :

(A) Length : 26

(B) TYPE : Amino acid

(C) STRANDEDNES : Single

(D) TOPOLOGY : Linear

(ii) MOLECULE TYPE : Peptide

(iii) HYPOTHETICAL : No

(iv) ANTISENSE : No

(v) FRAGMENT TYPE : C-terminal

(vi) ORIGINAL SOURCE

(A) ORGANISM : Lactobacillus platarum

(B) STRAIN : C11

(C) DEVELOPEMENT STAGE : Culture in stationary phase

(vii) IMMEDIATE SOURCE:

(A) LIBRARY : Yes

(ix) FEATURES

(A) NAME/KEY : Mature peptide

(B) LOCATION : Complete sequence

(C) IDENTIFICATION : Experimentally

(D) OTHER INFORMATION : Induces gene expression in bacteria containing a compatible signal transduction system and genes under control of special promoters.

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